

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/14789

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 901 147 A (JOFFE ALEXANDER) 4 May 1999 (1999-05-04) column 1, line 9 – line 42 column 1, line 62 – column 2, line 2 -----	1-36
A	EP 1 249 972 A (ERICSSON TELEFON AB L M) 16 October 2002 (2002-10-16) cited in the application claims 1,6 -----	1-36

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

23 September 2004

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30/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL – 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Lamadie, S

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Patent document cited in search report	Publication date	Patent family member(s)			Publication date
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		JP 11502397	T	23-02-1999	
		WO 9809475	A1	05-03-1998	
EP 1249972	A 16-10-2002	EP 1249972	A1	16-10-2002	
		WO 02082747	A2	17-10-2002	
		EP 1378097	A2	07-01-2004	
		US 2004111541	A1	10-06-2004	